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3-5 Mathematics Resources to Extend and Enrich the Core Curriculum Appropriate for High Ability Students
Indiana Academic Standard Strand:

Reasoning, Logic, Problem Solving, Visual Spatial, and Strategic Thinking

Resource	Annotation	Differentiation Tip(s)	Correlating Indiana Academic Strand Standards	Correlating Indiana Academic Process Standards
<p>del Regato, Dr. J.C., Gilfeather, Dr. M.E., LeBlanc, R.J. (1980, 1986, 1991, 2003, 2012) <i>Mathematics Pentathlon Problem-Solving Games: Division III (Grades 4-5).</i> Indianapolis, IN: Pentathlon Institute. www.mathpentath.org</p>	<p>The Mathematics Pentathlon program includes five games and supplemental resources that are intended to support basic math concepts and skills, while strengthening strategic thinking and problem-solving skills. The games in Division III include:</p> <ul style="list-style-type: none"> • Contig 60 • Juggle • Stars & Bars • Queens & Guards • FAB-A-Diffy 	<p><i>Flexible Grouping:</i> The pentathlon games are appropriate for all ability levels, but it is recommended that students be grouped in like-ability teams when playing.</p>	N/A	PS.1; PS.2; PS.3; PS.4; PS.6; PS.7; PS.8

	<p>The Mathematics Pentathlon program can be implemented via classroom instruction, a math club, home use, and/or participation in a local National Mathematics Pentathlon Academic Tournament.</p>			
<p>del Regato, Dr. J.C., Gilfeather, Dr. M.E., LeBlanc, R.J. (1980, 1986, 1991, 2003, 2012) Mathematics Pentathlon Problem-Solving Games: Division III (Grades 6-7). Indianapolis, IN: Pentathlon Institute. www.mathpentath.org</p>	<p>The Mathematics Pentathlon program includes five games and supplemental resources that are intended to support basic math concepts and skills, while strengthening strategic thinking and problem-solving skills. The games in Division III include:</p> <ul style="list-style-type: none"> • Remainder Island • Prime Gold • Pent'Em In • Frac Fact • Fraction Pinball <p>The Mathematics Pentathlon program can be implemented via classroom instruction, a math club, home use, and/or participation in a local National Mathematics Pentathlon Academic Tournament.</p>	<p>Flexible Grouping: The pentathlon games are appropriate for all ability levels, but it is recommended that students be grouped in like-ability teams when playing.</p>	N/A	<p>PS.1; PS.2; PS.3; PS.4; PS.6; PS.7; PS.8</p>